

# Converting Colors

Hex(D3BB01)

Have a look what the booklet for  
Hex(D3BB01) contains.

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**Color**

**Hex(D3BB01)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3BB01
RGB	211, 187, 1
RGB Percent	83%, 73%, 0%
CMY	0.1725, 0.2667, 0.9961
CMYK	0.00, 0.11, 1.00, 0.17
HSL	53°, 99%, 42%
HSV	53°, 100%, 83%
XYZ	44.6398, 49.3917, 7.2095
YIQ	172.9720, 74.0100, -52.7580

# Conversions

## Conversions Part 2

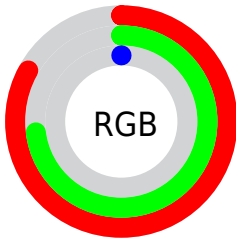
Format	Color
R <sub>Y</sub> B	28, 211, 1
Decimal	13875969
CIE Lab	75.69, -6.58, 77.18
CIE LCh	76, 77.462, 94.872
Yxy	49.3917, 0.4409, 0.4879
Android (android.graphics.Color)	4292066049 (0xFFD3BB01)
YUV	172.9720, -84.7822, 33.3506
Hunter-Lab	70.2792, -9.6096, 43.1133

# Details

The Hex color **D3BB01** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed orange. A complement of this color would be **0119D3**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFF352**, and **988600** is the 20% darker color. If you saturate the color by 10%, you get **D3BB00**, and if you desaturate by 10%, it is **D3BD16**.

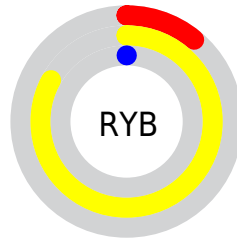
# Distribution



Red (83%)

Green (73%)

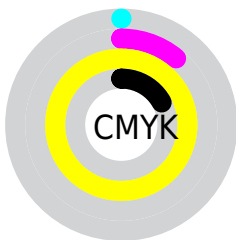
Blue (0%)



Red (11%)

Yellow (83%)

Blue (0%)

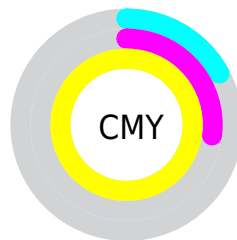


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (27%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3BB01 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D3BB01 by changing the saturation by 10% instead.



 D3BB01

 D3BB01

FFFFFF

 B5A000

 FFF352

 988600

 FFFF6F

 7B6D00

 FFFF8C

 5E5500

 FFFFA8

 433E00

 FFFFC5

 2A2900

 FFFF E3

 0E1500

 000000

 D3BB01

 D3BB01

 D3BB00

 D3BD16

 D3C02B

 D3C240

 D3C555

 D3C76A

 D3C980

 D3CC95

 D3CEAA

 D3D1BF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFA031



D3BB01



89CD38

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D3BB01



00DAFF



FF82F9

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D3BB01



0119D3

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CBA2FF



D3BB01



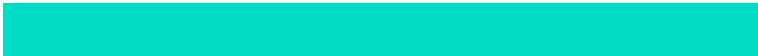
00D2FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3BB01



00DCC5



00BFFF



FF72B2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D3BB01



3AD563



00BFFF



FF8CFF



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D3BB01



FFF6B3



D3011A



807A52



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D3BB01



FFE200



83D301



69675E



A89500



292400



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0119D3



001DFF



5101D3



5E5F69



0013A8



000529



# Previews

## White Background



This preview shows how the Hex color D3BB01 looks on a white background.

## Color Contrast Check

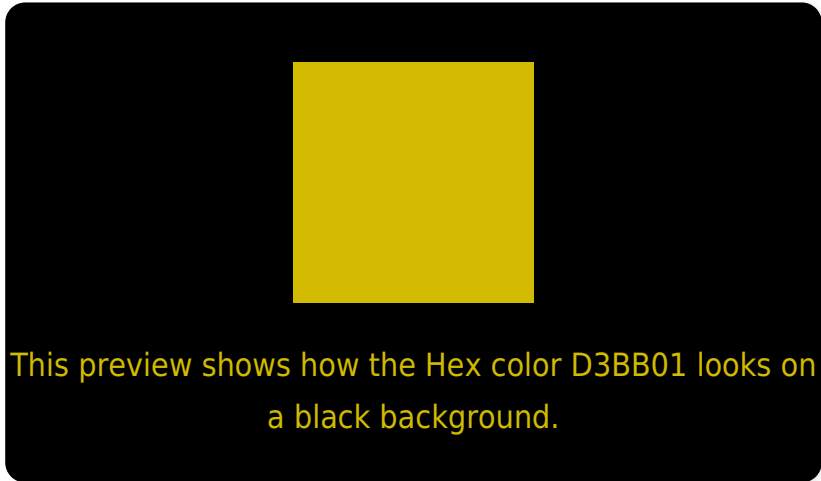
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3BB01 Background



This preview shows how black text looks on a background with the Hex color D3BB01.



This preview shows how white text looks on a background with the Hex color D3BB01.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
D3BB01

**Protanopia**  
D3BB02

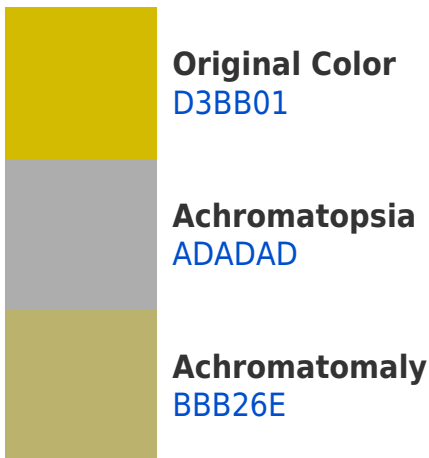
**Deuteranopia**  
ECB117



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3BB01 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D3BB01 looks like.

```
.text, #text, p{  
    color:#D3BB01  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D3BB01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3BB01
}
```

## Border

The CSS property to change the border of an element to Hex D3BB01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D3BB01 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D3BB01 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D3BB01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3BB01; -webkit-box-shadow:4px 4px  
4px 4px #D3BB01; box-shadow:4px 4px 4px  
4px #D3BB01 }
```

# Background

The CSS property to change the background color of an element to Hex D3BB01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3BB01 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D3BB01 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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